

• COLORADO RIVER • AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT

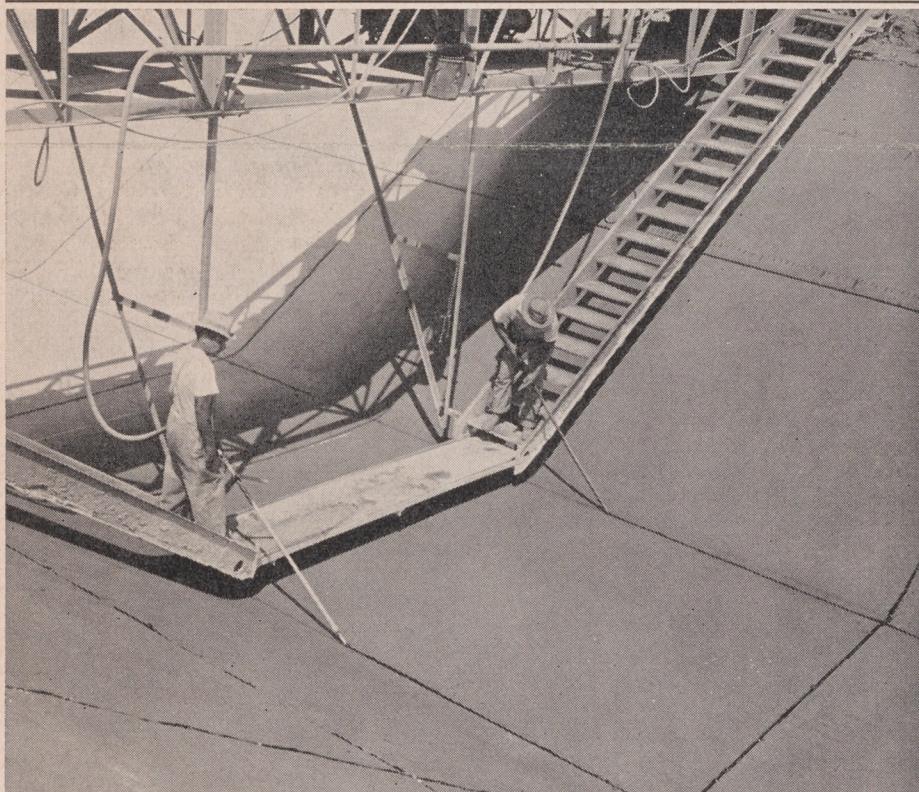


OF SOUTHERN CALIFORNIA

VOLUME XXVI

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NUMBER 8



Workmen in photo above are filling joints with mastic in a canal section on the Second San Diego Aqueduct. After the canal lining machine has placed the 4-inch thick concrete in the canal, grooves are made in the wet concrete to control cracking, which occurs due to contraction. The mastic being applied above prevents leakage of water through the grooves.

"Colorado River Life Line" Title of New District Film

A new 16 millimeter color motion picture, titled "Colorado River Life Line", has just been completed by the Metropolitan Water District and showings will soon be available to Southern California school systems, service clubs, church and civic groups and other interested organizations.

"Colorado River Life Line", which runs 25 minutes, dramatically and effectively tells the story of the creation of the Metropolitan Water District and the subsequent construction of the Colorado River Aqueduct, the country's longest and largest domestic water supply line.

The new film shows in vivid detail the obstacles that were encountered and overcome in building the giant water supply system: first the survey for the best route, covering more than 20,000 square miles of desert country; then calling on the voters to pass a \$220 million bond issue to finance the construction of the Aqueduct during America's greatest depression; next the actual construction of the Aqueduct in its first development, which was completed in 1941; and finally the \$200 million expansion program, started in 1952 and now nearing completion, which will bring the Aqueduct to its full planned delivery capacity.

The problems of tunneling through
(Continued on Page Two)

District Board Authorizes Ninth Tax Cut in Ten Years

A reduction in the tax rate of the Metropolitan Water District for the coming year was authorized on August 20. It will be the ninth time the District has cut its tax rate in the past ten years.

The decision to slash the tax was made by the District's Board of Directors when it voted to cut the present rate of 18¢ to 17¢ for the year 1959-60. The move to reduce the rate was made on the recommendation of the Board's Finance Committee headed by Hugh W. Stiles and by Controller George M. Carroll.

Action to reduce the tax rate was made despite the fact that the Metropolitan Water District is engaged in a \$200 million construction program to bring the Colorado River Aqueduct to its full ultimate capacity, it was pointed out by Robert B. Diemer, the District's General Manager and Chief Engineer.

Of the 17¢ tax rate, 10¢ will be used to meet interest and principal payments on outstanding Colorado River Aqueduct bonds sold to finance, in its first development, construction of the giant water supply system from the Colorado River, Board Chairman Joseph Jensen said. The remaining 7¢, he stated, will be used to meet Federal Government and other obligations. All operating and maintenance expenses are being paid from the District's water revenues, Mr. Jensen pointed out.

All charges on Colorado River Aqueduct bonds and other aqueduct costs are being paid by taxpayers and water users in the Metropolitan Water District. The District now has an assessed valuation of \$12,714,000,000.

Cities and areas within the Metropolitan Water District are not required to meet assessments made against them from taxes but may pay these charges, if they choose, from water or other revenues, Chairman Jensen pointed out.

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 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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Published monthly in the interest of Field and Office Workers on the Colorado River Aqueduct, and for the information of all other citizens of the Metropolitan Water District.

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New Building Site Now Owned by District

The acquisition of a building site at Sunset Boulevard and Beaudry Avenue as the location for the permanent office headquarters of the Metropolitan Water District has been completed and the property is now owned by the District.

The area is comprised of 6.6 acres and was purchased from Albert C. Martin and Associates, option holders. The address of the new headquarters building, when completed, will be 1111 Sunset Boulevard.

A number of architectural firms have been invited to submit proposals to the District as to the type and size of building to be erected. When this has been determined, bids for construction of the building will be invited.

"Colorado River Life Line"

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mountain barriers, building huge concrete conduits along rugged slopes and placing mile after mile of wide concrete-lined canals across level desert areas are shown in breath-taking color.

The sound track on "Colorado River Life Line" tells in detail how the great Colorado River Aqueduct was built and financed by the people of Southern California without one cent of Federal subsidy and describes the phenomenal industrial and population growth that has been made possible because of its existence.

The film also shows the five huge pumping plants on the Aqueduct where the water is lifted a total of 1617 feet over mountain barriers, a number of the reservoirs on the aqueduct system where the water is stored and regulated, and sections of the great distribution system which delivers the water to 85 incorporated cities and large unincorporated areas on the coastal plain of Southern California.

"Colorado River Life Line" was written and directed by Don J. Kinsey, As-

Hans H. Doe Named Third San Diego Director



Hans H. Doe, who has been named to the District Board of Directors as the third representative of the San Diego County Water Authority.

Hans H. Doe, Secretary of the San Diego County Water Authority, has been named as the third representative of the Authority on the Metropolitan Water District Board of Directors. He joins Fred A. Heilbron and Richard S. Holmgren, the other Authority representatives on the District Board.

Mr. Doe was born in Bergen, Norway in 1903 and came to Victoria, British Columbia in 1910. In 1921 he moved to Berkeley, California, where he entered the University of California, studying Mechanical Engineering.

Until 1946, when he moved to Vista, California, he managed Hans H. Doe Company and related enterprises in Milwaukee, Wisconsin. He is now engaged in raising avocados in Vista.

Mr. Doe has been very active in civic affairs. In addition to serving on the San Diego County Water Authority Board since 1954, he is also a Director of the Bueno Colorado Municipal Water District, a Director of the Vista Irrigation District, a member of the California Soil Conservation Commission, Past President of the California Association of Soil Conservation Districts, a Director of the Agua Buena Soil Conservation District, and is presently Vice President of the Irrigation Districts Association of California.

sistant to the General Manager. Production assistance was by Jack C. Williams, Public Relations Representative; narration by Marvin Miller and production by Charles R. Perryman.

For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed August, 1959, covering District operations for July, 1959.)

Colorado River—The water surface of Lake Mead rose 1.57 feet to elevation 1181.44 feet above sea level and usable storage increased 209,000 acre-feet to 21,378,000 acre-feet for the seasonal maximum on July 12, 1959. The average rate of discharge at Hoover Dam for July is 13,800 cubic feet per second, compared with 14,500 in July 1958.

Power and Pumping—Hayfield plant delivered 66,538 acre-feet of Colorado River water for distribution during July. Pumping was on a throttled 6-pump basis continuously throughout the month except for occasional short periods of shut-down for maintenance. The District's share of Parker energy amounted to 31,954,265 kwhrs. Peak deliveries to and from Edison Company were 110,000 kw and 150,000 kw respectively.

Weymouth Softening and Filtration Plant—Colorado River water was softened from 307 to 220 ppm of hardness at an average rate of 599 cfs during July. Daily rate of flow varied from a maximum of 615 cfs to a minimum of 540.

Construction—On installation of Pumping Units 7, 8 and 9, the contract is 97% complete. At Intake, work is 99% complete; at Gene, 99%; at Iron Mountain 96%; Eagle Mountain, 97%; and 93% complete at Hayfield.

The contract is 74% complete on Canals and Box Siphons—Schedules 11C, SD1C, SD2C, SD3C, and SD4C.

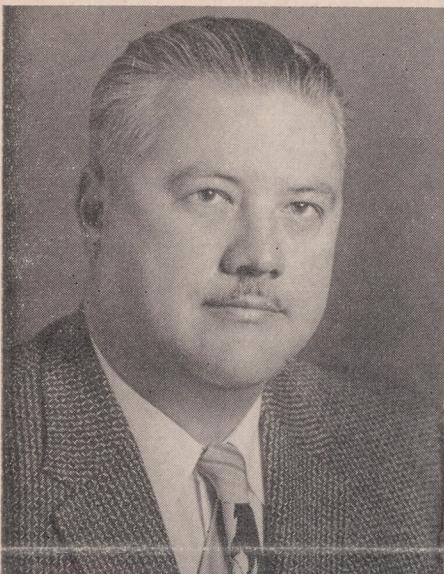
On Pipe Line Schedules SD8P and SD9P, the contract was accepted as complete by the District on June 30, 1959; Schedules SD10 and SD11SC, work on this contract was accepted by the District on July 13, 1959.

Work on Pipe Lines and Siphons—Schedules 11P, 12P, and SDXP—the contract is 76% complete.

Work on Pressure Control Structures (Lower Feeder) is 14% complete, with work progressing at the Orange County interconnection, Coyote Creek location, and the San Gabriel River location.

On the enlargement of Lake Mathews, work on the contract is 10% complete.

Purchasing—Total expenditures covered by 380 purchase orders and 2 agreements during July aggregate approximately \$117,256.



Robert E. Glen

Robert E. Glen Named to Post of Assistant Controller

Robert E. Glen, formerly Chief Accountant for the Metropolitan Water District, has been named to the post of Assistant Controller under Controller George M. Carroll.

Mr. Glen began his service with the District as a Junior Clerk in the Accounting Division in March 1947. Later that year he was made a General Clerk and in 1951 he became a Cost Clerk.

In 1953 he was advanced to the post of Accountant and in 1954 he was made Senior Accountant, the position he held until 1957 when he became Chief Accountant, succeeding Chester G. Olson, who was named District Treasurer.

Work Moves Forward on Lake Mathews Expansion

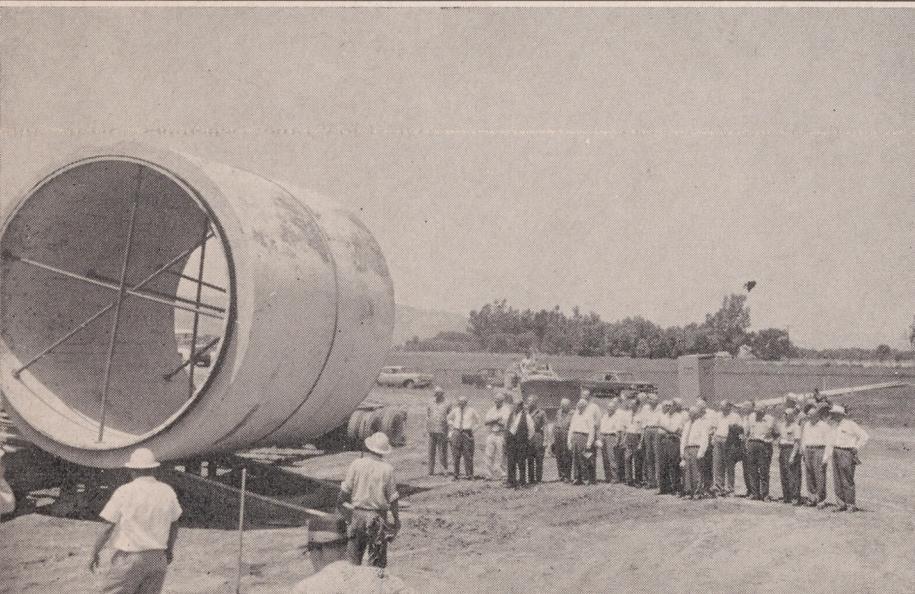
Construction work which will increase the capacity of Lake Mathews, the terminal reservoir of the Colorado River Aqueduct, from 107,000 acre-feet to 182,000 acre-feet is now approximately 15 percent complete, it was announced this month.

The project involves the raising of the existing embankments 33 feet in elevation, constructing extensions to existing embankments and constructing one small additional embankment. The work includes approximately 6,000,000 cubic yards of earth embankment and rock refill, 42,000 cubic yards of concrete in embankment paving, a spillway, bridges, enlargement of outlet tower, curbs, miscellaneous structures and a foundation drainage system and appurtenant features.

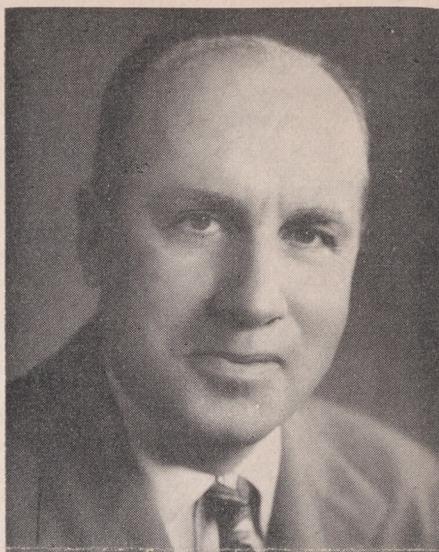
Thus far approximately 815,000 cubic yards of earth embankment and rock refill, and 600 cubic yards of concrete have been placed, and 20,000 linear feet of various diameter drainpipe have been installed on the drainage system.

The work is being performed by Winston Bros. Company and Green Construction Company, joint venturers, under a \$7,583,866 contract and is scheduled for completion by December 31, 1960.

Mr. Glen attended Los Angeles High School and Stanford University before entering the Air Force during World War II, where he served as a radio operator on transport aircraft.



A number of members of the District's Board of Directors and of the District staff are shown above beside one of the huge pipe sections being installed on the main aqueduct as a part of the District's expansion program. The picture was taken during an inspection tour of the construction work at Lake Mathews, the Second San Diego Aqueduct and the Casa Loma Siphon.



Lester D. Martin

Lester D. Martin Appointed To Position of Office Manager

Lester D. Martin has been named to the newly-created post of Office Manager of the Metropolitan Water District. He will be in charge of Purchasing, Personnel and Accounting. Prior to the new appointment Mr. Martin was Purchasing Agent and Personnel Manager.

Mr. Martin received college training in Business Administration at Oregon State College. He started to work for the District on aqueduct surveys in 1933 and transferred to Division 3, Headquarters Office, in 1934.

When the initial aqueduct construction work was completed in 1941, he left the District to become Office Manager for Pacific Naval Air Base Contractors. He returned to the District in 1946 and took up the duties of Clerk and Storekeeper on the construction of the second unit of the F. E. Weymouth Softening and Filtration Plant. Upon the completion of this work he was named Storekeeper in charge of all distribution system supplies.

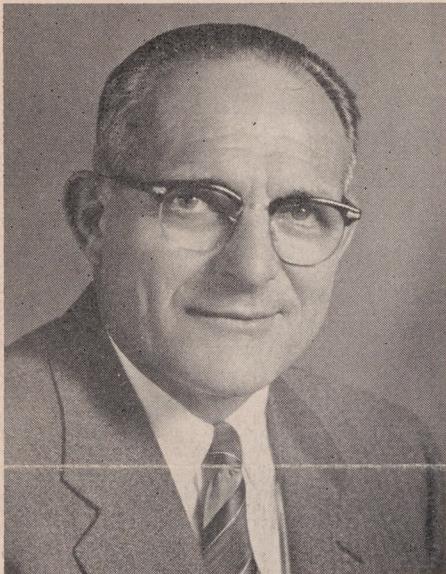
In 1951 Mr. Martin was appointed Purchasing Agent and in 1953 he became Personnel Manager as well. He has been in District service more than 20 years.

District Tax Cut

(Continued from Page One)

He stated that Glendale, Pasadena, San Diego, Burbank and Culver City next year will levy no taxes to meet their Metropolitan Water District obligations, but will pay all these charges from their water or other revenues. Other District areas that will pay a part of their assessments from water revenues are National City, Inglewood, Pomona, and the South Bay Irrigation District.

NEWS FROM FIELD AND OFFICE



Bernard A. Lamm—25 Years of Service

Bernard A. (Benny) Lamm became eligible for his 25-year service pin on August 20, 1959, having first been employed by the District on February 15, 1934, as an Auto Mechanic in the Los Angeles Garage. Since that time, except for two short periods, he worked for the District as Mechanic, Compressor-man, Miner Chucktender and Foreman at various camps during the Aqueduct construction period. Benny was employed at Hayfield Pumping Plant as Mechanic and Machinist from June 1938 to May 1939, then transferred to the Iron Mountain camp as Foreman of the Shop. From July 1947 to July 1956 he was employed as Maintenance Mechanic in the Los Angeles Garage. On July 1, 1957, upon the retirement of

E. V. Reynolds, he was promoted to the position of Foreman in the Los Angeles Garage, and is now serving in this position.

* * *

Ray Kirkby, Engineer, and his daughter, Joan, are touring in Europe. In a postcard from England Ray reports that they are doing London at a fast clip and will go then to Holland, Belgium and France.

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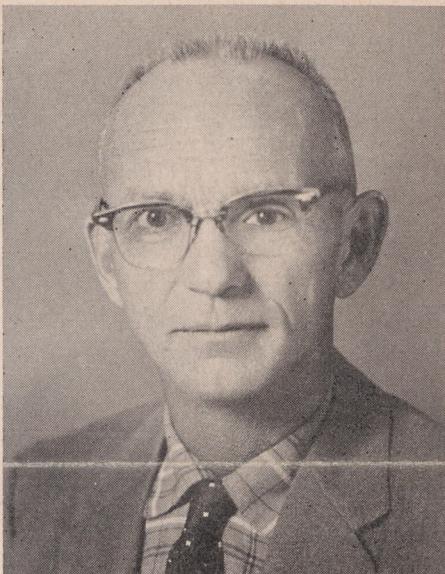
Danny Milts, son of Engineering Aide Ray Milts, pitched and batted his Arlington Little League All Star baseball team to the League area championship. Danny hit a total of 18 home runs during the season. In one game he pitched a no-hitter and struck out 13 batters.

* * *

Louis A. Gilman became eligible for his 25-year service pin on June 1, 1959, having first been employed by the District on March 1, 1933, as a Chainman on Aqueduct surveys. Since that time, except for two short periods, he worked for the District as Inspector, Foreman and Concrete Finisher until the completion of the original Aqueduct construction work. From August 1941 to the present time he has been employed at the F. E. Weymouth Softening and Filtration Plant, first as Attendant and later as a Headhouse Operator. For a period of approximately nine years, while in the position of Headhouse Operator, he acted as Shift Foreman in responsible charge of plant operation. In July 1957 Louis was promoted to the position of Chemist in the laboratory at the Softening Plant, and is now serving in this position.

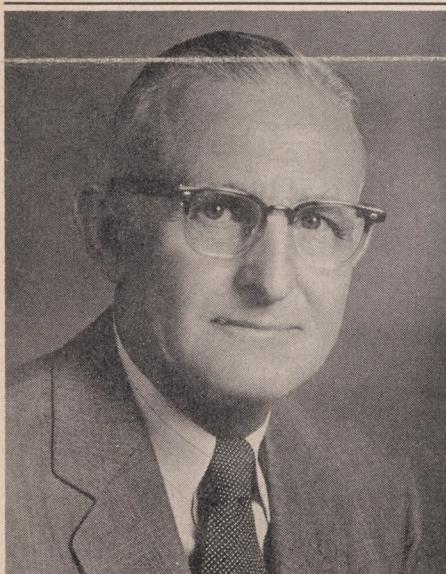
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Pedro Ortega became eligible for his 20-year service pin on June 19, 1959, having been employed by the District on June 30, 1937, as a Blacksmith at Division 2 (Iron Mountain). From that time until April of 1942, except for one period of approximately two years, he has worked for the District as a Laborer, Utility Man and Mechanic's Helper on the construction of the Aqueduct. From April 1942 to the present time, except for approximately one year when he transferred to the Gene Pumping Plant as Maintenance Helper, Pedro has been steadily employed at the F. E. Weymouth Softening and Filtration Plant and the Maintenance Shop at La Verne as Maintenance Helper and Maintenance Man. His present duties include sandblasting and painting of major equipment for the distribution system.



James H. Blankley—25 Years of Service

James H. Blankley became eligible for his 25-year service pin on June 24, 1959, having first been employed by the District on August 31, 1931, as a Laborer on the construction of the Aqueduct. From that time until 1941, except for three short periods, he has worked for the District as Pipeman, Painter, Electrician and Mechanic in connection with Aqueduct construction. From 1941 to the present time Jim has been employed on the distribution division as a Maintenance Mechanic specializing in the maintenance and repair of valves, meters and chlorination stations. At the present time he is responsible for the installation and maintenance of all meters for the District.



Louis A. Gilman—25 Years of Service



Pedro Ortega—20 Years of Service